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1965

ARCHIVES

FORESTRY

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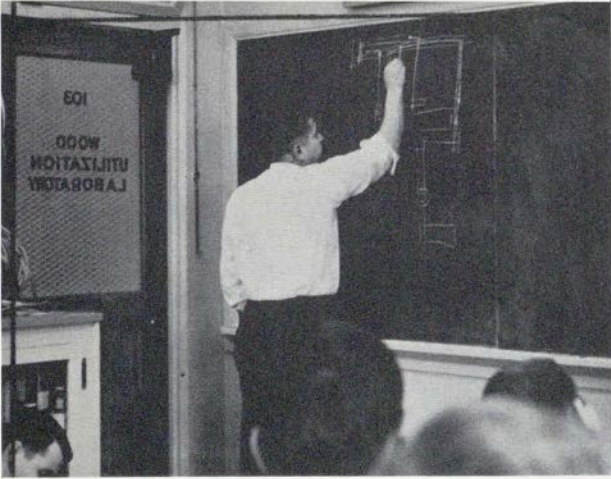
1965

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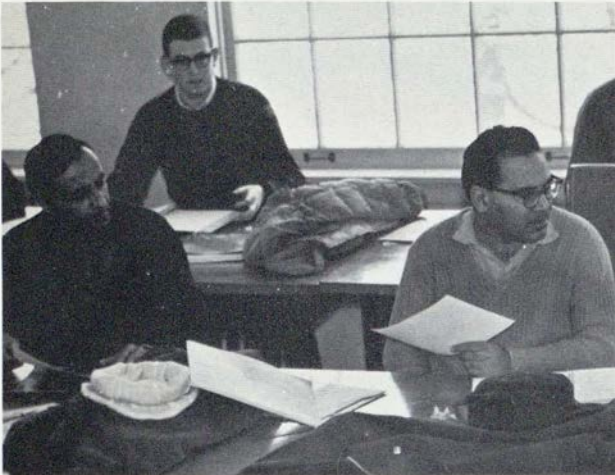
CLASSES



And then you go back here



Wood Tech. Lab



He's doing what?



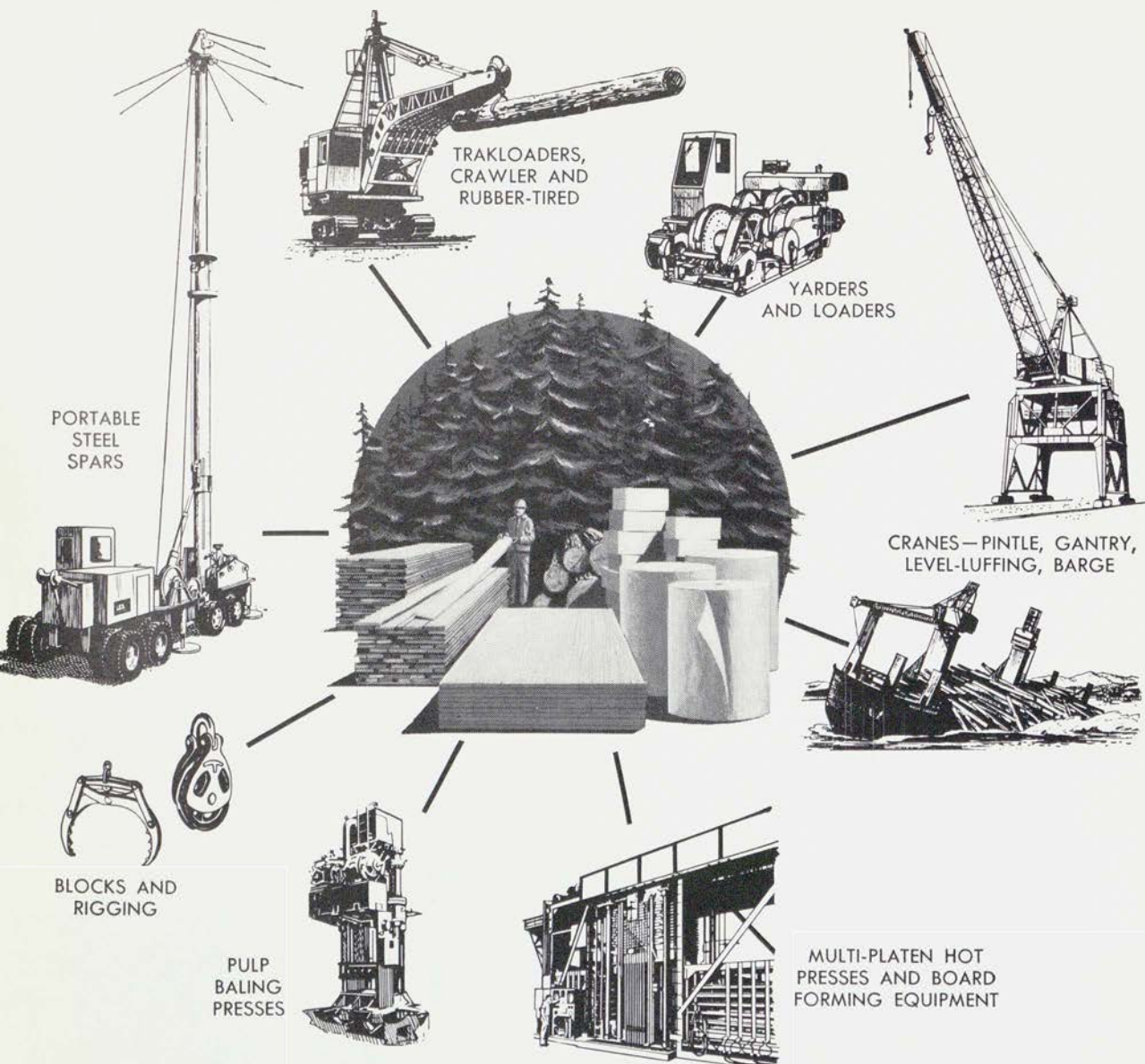
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STATE OF THE SCHOOL MESSAGE

SCHOOL OF FORESTRY ACTIVITIES, 1964-65

Arnold W. Bolle

The School of Forestry has been busy as a bee tree this year. Students, Faculty, and streams of visitors have all contributed to the extraordinary animation, what with diversified undergraduate programs, greatly expanded graduate research, an increased number of publications, new seminars and conferences, visiting lecturers, meetings involving the public, and various exploits of the extracurricular imagination.

For the first time in years, there was no faculty turnover. With the return of Dick Taber from Pakistan and Jim Faurot from Syracuse, we are at full faculty strength of 17. All but two of these are now on year-round appointments and are able to spend more time on research projects.

Our student body somehow manages to get bigger and better every year. The Fall-quarter tally showed 312 undergraduate and 36 graduate students, as well as about 100 pre-forestry students. Of the undergraduates, 114 come from Montana, 178 from other states, and 20 from other countries. Thirty-three states are represented. After Montana, most students come from California, Illinois, Washington, Wisconsin, New Jersey, New York, Massachusetts, and Ohio, in that order. Twenty-eight of the graduate students are from the United States; the eight from foreign countries (Canada, Great Britain, India, Nepal, and Thailand) are mostly under support from A.I.D.

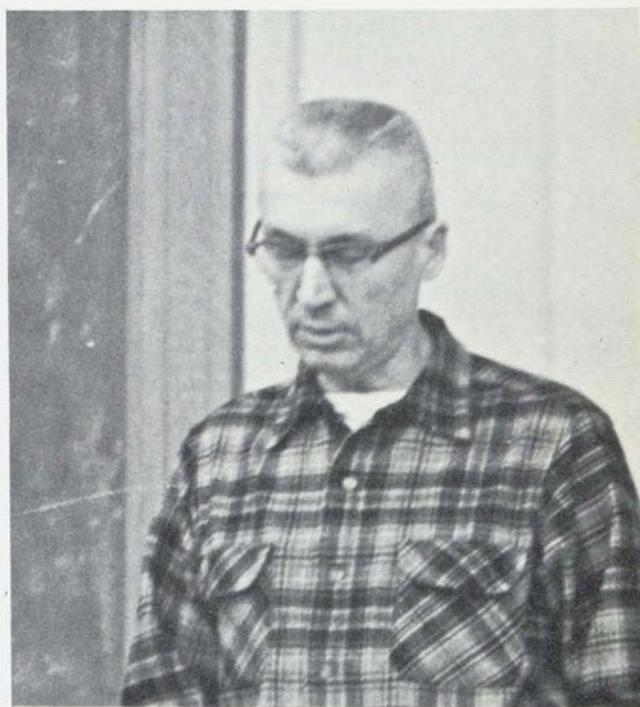
Student activities, which seemed to reach new peaks of intensity in 1964-65, are reported elsewhere in this magazine. The A. W. F. C. conclave, on this campus for the third time since its origin, added to a crowded schedule. At the same time, our students accomplished a great deal scholastically — The Freshman class qualified more members for Phi Eta Sigma (National Freshman Honorary) than any other school or department on campus.

Graduate students and research are giving the school a new aspect and some unusual quarters are being used for equipment and offices: one project in wood technology is buzzing away in the men's room, other apparatus is in the halls, and still more is stored away in various spots around town. Three rooms in the Forestry building have been converted into additional faculty and graduate-student offices, and some graduate students moved into Main Hall after Cook Hall was razed by a "controlled" burn which nearly took our building and the west bleachers of Dornblaster Field along with it.

Perhaps the greatest change in the school is the revised curriculum, which will go into effect next fall. In keeping with the Dana-Johnson report, we are establishing a central program in forest resource manage-

ment with advisor options to replace the old specialized curriculum. The new program is oriented to multiple-use management and offers a better background in the humanities, biological sciences, and mathematics. There is also a new program in forest science for students planning advanced work in research and education.

We have outgrown our present space and facilities and are hoping that plans for a new MSU forestry building will be expedited. We also look forward to construction of the new Forest Service laboratory on campus. Despite our building problems, we are improving the quality of education for our students and assuming an increasingly effective role in the community and in the forestry profession.



ARNOLD W. BOLLE

Dean, School of Forestry
B.A. Northwestern College
B.S.F. Montana State University
M.P.A. Harvard University
Dr. P.A. Harvard University
Experience: 6 years teaching,
17 years professional.
Member: S.A.F.; A.A.A.S.; S.C.S.A.;
Xi Sigma Pi; Montana Druids.
Chairman Administrative Leadership School.
Hobbies: Hunting, fishing, writing, hiking.

FORESTRY SCHOOL FACULTY



DICK BEHAN

GEORGE M. BLAKE

Silviculture. B.S.F. Univ. of Idaho, M.S., Univ. of Minnesota, Ph.D. Experience: Research Assistant Univ. of Minnesota, 5 years. Member: Sigma Xi, Xi Sigma Pi, Gamma Sigma Delta, S.A.F., Amer. Assn. Advancement of Science.



KENT ADAIR
Valuation and Forest Economics

JAMES L. FAUROT

Assistant Professor, Engineering. B.S.F. Montana State University; M.S. University of Washington. Experience: 7 years teaching, 4 years professional.



FREDERICK L. GERLACH

Assistant Professor, Photogrammetry, Logging Engineering. Attended Ohio State University; B.S.F. Montana State University; M.F. Montana State University. Experience: 6 years teaching, 5 years professional. Member: S.A.F.; American Society of Photogrammetry; American Assoc. for the Advancement of Science; Xi Sigma Pi; Montana Druids. Hobbies: Hunting, fishing. Secretary Forestry Alumni Assoc.

MANFRED L. HAIGES

Instructor, Surveying and Hydrology. B.S.F. Montana State Univ., M.S., Watershed Management, Colorado State Univ. Experience: 2 years Forest Engineer with N.P. Land Dept. Organizations: Xi Sigma Pi, S.A.F. Hobbie: hunting, retrievers.





JOHN P. KRIER
Professor, Wood Utilization
B.S.F. University of Idaho; M.S.F.
University of Idaho; Ph.D. Yale Uni-
versity. Experience: 12 years teach-
ing, 5 years research. Member
Sigma Xi; Xi Sigma Pi; Montana
Druids; S.A.F.; Forest Products Re-
search Society; N.W. Wood Pro-
ducts Clinic. Hobbies: Woodworking,
Bird Hunting, Bowling.

ROBERT W. LANGE
Assistant Professor, Dendrology and
Mensuration.
B.S., Colorado State Univ.; M.F.,
Colorado State Univ. Experience: 9
years professional, 10 years teach-
ing. Membership: S.A.F., Sigma Xi,
Xi Sigma Pi. Hobbies: Fishing,
Western Military History.



LAWRENCE C. MERRIAM, JR.
Asst. Professor, Forest Recreation
B.S. University of California; M.F.
Oregon State University; On Leave
to Oregon State University Autumn
1961. Experience: 3 years teaching,
11 years professional. Member:
S.A.F.; National Conference on
State Parks; Xi Sigma Pi; Alpha
Zeta; Montana Druids. Hobbies:
Fishing, Hiking, Sketching, History,
Stamp Collecting.

MELVIN S. MORRIS
Professor, Range Management
B.S.F. Colorado State University;
M.S. Colorado State University. Ex-
perience, 26 years teaching, 6 years
research. Member: American Society
of Range Management; American
Association for the Advancement of
Science; Northwest Scientific Asso-
ciation; Phi Kappa Phi; Phi Sigma;
Alpha Zeta; Zeta Sigma Pi; Montana
Druids. Hobbies: Geology, Western
History, and Western Music.



THOMAS J. NIMLOS
Assistant Professor, Soils
B.S. University of Wisconsin; M.S.
University of Wisconsin; Ph.D. Uni-
versity of Wisconsin. Experience: 2
years teaching, 3 years professional.
Member: Soil Science Society of
America; Montana Druids.

LESLIE PENNGELLY
Wildlife



WILLIAM R. PIERCE
Associate Professor, Forest
Management
B.S.F. University of Washington;
M.F. Yale University; Ph.D. Uni-
versity of Washington. Experience:
Teaching 7 years; Professional 12
years. Member: Sigma Xi; Xi Sigma
Pi; Montana Druids; S.A.F. Hobbies:
Skiing, Fishing, Reading, Photog-
raphy, Stamp Collecting.

ROBERT W. STEELE
Assistant Professor, Fire Control
B.S.F. Colorado State University;
M.F. University of Michigan. Ex-
perience: 7 years teaching, 13 years
professional. Member: S.A.F.; North-
west Scientific Assoc.; American
Meteorological Society; Xi Sigma Pi;
Beta Beta Beta; Montana Druids.
Hobbies: Skiing, Hunting, Surveying,
Boy Scout Master.



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GRADUATING SENIORS



JAMES D. ARNEY
Forest Management
Olympic College, Bremerton, Wash-
ington; Three year member of
Forestry Club; S.A.F.



WILLIAM BLISS BEDLE
Forest Management and Business
Administration
Nichols College of Business Admin-
istrations, Dudley, Mass.; Keyport,
New Jersey; Historian 1963-65;
Foresters Ball Committee Head;
Publicity chairman; Druids; Four
year member of Forestry Club; Two
year member of Nickols College.



ROBERT BENNETT
Forest Management
Olympia College, Bremerton, Wash-
ington; Druids; Exec. Board; A.W.
F.C. "Trail Talk" editor; Chairman
of Chowhall Committee; S.A.F.;
Conservation Week; Three year
Forestry Club member.

J. DAVID BRUNNER
Range Management
Montana State University; Foresters
Ball Publicity Co-chairman 1964-65;
A.W.F.C.; Delegate—1963; A.W.F.C.
Vice President 1964; A.W.F.C. Pres-
ident 1965; Druids Vice President
1964; Exec. Board; Inter murals;
S.A.F.; American Society of Range
Management.



ROBERT C. CLUZEN
Forest Engineering
Noxon, Montana



NORMAN M. COON
Forest Management
Libby, Montana
Four year member of Forestry Club;
Exhibition Room Head 1964; Vice
President Forestry Club 1964; Treas-
urer of Druids 1964.



GALE WALTER CROON
Forest Management
University of Illinois
Nokomis, Illinois
Xi Sigma Pi, Pres. 1964-65; S.A.F.;
Conservation Week moderator.



WAYNE GEORGE DIVIS
Forest Management
Collingswood, New Jersey
Forestry Club Member three years;
Convo.; Intra murals Football,
Wrestling.

GARDNER W. FERRY

Rec. Management
Yonkers, New York
Four year Forestry Club member;
Treasure of Kaimin; Treasure of
A.W.F.C.; Finance chairman for
1963 Foresters Ball; Conservation
Week speaker; Soph. Camp chair-
man for tree planting; Chairman
Scholarship and Loan Committee;
Druids; S.A.F.



DENNIS L. FRASIER
Forest Management
Grays Harbor J. C.
University of Washington
Seattle, Washington
Foresters Ball; Posse member.



RANDALL W. GAY
Forest Management
Great Falls, Montana
Social Chairman; Convo Committee
head; Conservation Week; Druids;
A.W.F.C. Observer to Arizona State;
Bowling team; S.A.F.; Publicity for
1965 A.W.F.C. Conclave.



JOSEPH E. GRIGEL
Forest Management
Bellevue, Alberta
Co-chairman of Bar Committee;
S.A.F.; Forestry Club member; Con-
servation Week.

STEPHEN ARTHUR HAGLUND
Recreation-Management
Havre, Montana
Forestry Club member 1961-65; Rep.
to Exec. Board 1964; President 1964-
65; Silas Thompson Award 1964;
Quesenberry Award 1962; Exhibition
Co-chairman for Foresters Ball;
Druids; Honor Council delegate
1963; Forestry Club Scholarship
1964; Basketball team.



ROBERT HIUM
Range Management
Eastern Montana College of Educa-
tion; Montana State University;
Forestry Club; Foresters Ball; For-
esters Convo. 1964; Inter murals;
Possee member 1964.





BRIAN LOUIS HOREJSI
Wildlife Management
Edmonton, Alberta
Ball Committee Head.



RALPH S. JOHNSON, JR.
Forest Management
Hill City, So. Dak.
Four years Forestry Club Member;
1965 Kaimin Editor.

RON KAZMIEREZAK
Forest Management
Laona, Wisconsin
Exec. Board 1964; Chief Push For-
ester Ball 1964; Druids; Budle Editor
Four year Forestry Club member;
1963-64.



JAMES W. KUNKEL
Forest Management
North Dakota School of Forestry,
Bottineau, North Dakota. Three yr.
Forestry Club Member; Conservation
Week Co-chairman; Druids.



ANTHONY JAMES LUKES, JR.
Forest Management
University of Illinois, Urbana 1960-
62; Morton Grove, Illinois; Forestry
Club Member 63-65; Posse member
1964; Kirkwood Grove Committee
1964; Baseball team 1964; Conser-
vation Week 1964.



CURTIS EUGENE McMARRELL
Forest Management
Eureka, Montana
Druids; Two year Co-chairman on
Ball; Conservation Week speaker;
Freshman Initiation; Posse Member;
Ad Chaser; Wrestling Team.

DELVIN GLENN MITCHELL
Forest Management
Montana State College 1959-61,
Hamilton, Montana; Conservation
Week 1964; 2nd. Place Winner of
Western Forestry & Conservation
Association Essay Contest 1964.



CHARLES K. MORGANSTEAN
Forest Engineering
Casper, College, Lander, Wyoming;
Forestry Club member; Forestry Ball
Ticket Committee; Convo. Commit-
tee; Photo Booth Committee; Bar
Committee; Conservation Week;
S.A.F.





WILLIAM EMMETT O'BRIEN
Range Management
Oak Park, Illinois
Forestry Club member 1961-65;
Foresters Ball Committee Head;
Druids; Conservation Week moder-
ator 1964; A.S.R.M.



J. RICKARD O'CONNELL
Forest Management
University of Arizona
Philadelphia, Pennsylvania
Four year Forestry Club member;
Exec. Board 1 year; S.A.F.; Ameri-
can Forestry Association.

LARRY LOUIS O'CONNELL
Forest Management
Kalispell, Montana
Forestry Club Activities; Forestry
Kaimin Advertising Mgr. 1962;
Convo 1961-63; Posse member;
Truck chairman 1963; Slab Hauling
chairman 1964; A.W.F.C. Conclave;
Co-editor Bertha's Bugle 1962; Con-
servation Week Speaker 1962.



PETER J. OLSON
Forest Management
River Falls State College
Druids; Three year Member; Senior
Cumberland, Wisconsin
Sports Representative; Exec. Board.



DONALD G. OMAN
Forest Management
Montana State College
Bozeman, Montana
Forestry Club Member; S.A.F.



JERROLD L. PICKTHORN
Forest Management
Wolf Point, Montana
Forestry Club; S.A.F.; Chairman of
Blue Snow Committee; Foresters
Ball; Advanced Air Force ROTC.



WILFRED HARVEY POLIQUIN
Forest Engineering
Attended Paul Smiths' College
East Providence, R.I.
Foresters Ball Tour Committee 1965;
Conservation Week speaker 1964.



CLIFFORD P. RAFSON
Forest Management
Kent State University
North Dakota School of Forestry
Cleveland, Ohio
Druids; Ticket Committee chairman;
Conservation Week Committee Co-
chairman; Bugle co-editor.

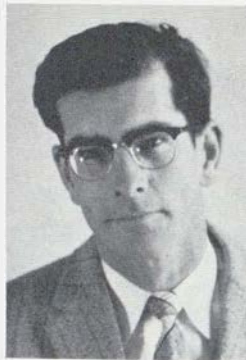




LAURENCE L. RUTAGUMIRWA
Soil and Water Conservation
St. Francis PUGU—Tanaganyika
Forestry Club; Newman Foundation;
M.U.N. 1964; Csmopolitan Club;
Missoula-Mineral Counties Red Cross
Chapter Board Member; Silent
Sentinel.



THOMAS W. SAYRE
Forest Management
Worcester, Massachusetts
North Idaho Jr. College; Stockbridge
School Agriculture.

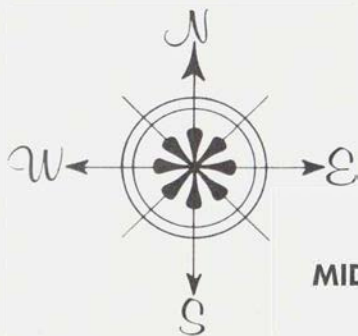


WHITNEY THOMAS SCHMITT
Forest Management
Teaneck, New Jersey
Four year Forestry Club member;
S.A.F.; Advisor Explorer Post No.
107.

DAROLD E. WARD
Forest Management
Western Washington State College
Gellingham, Washington
Co-chairman Conservation Week
1963.



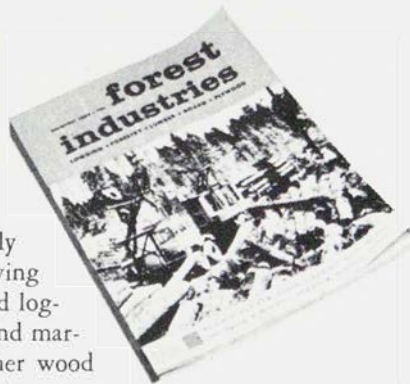
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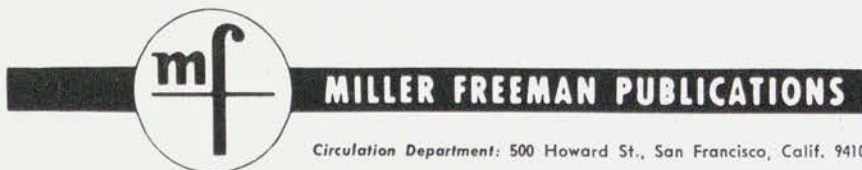
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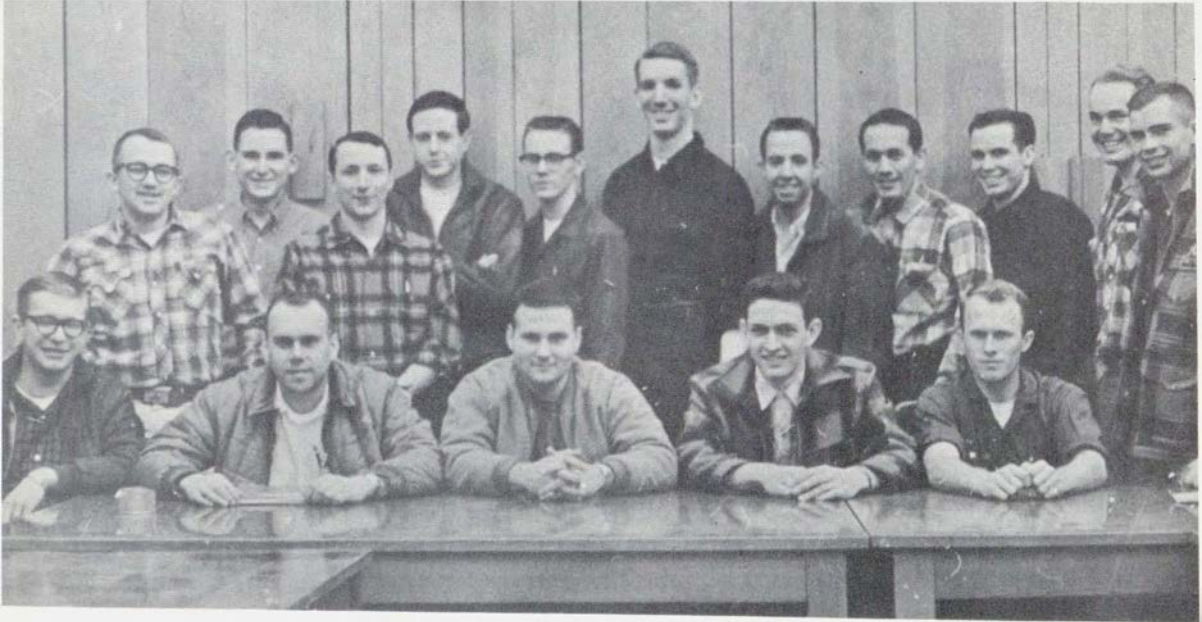
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ROW ONE: Olsen, Kaz, Bennett, Osik, Coon. ROW TWO: Brunner, Gitnty, Ferry, Stout, Flint, Jim, Fred, ? ? , Holt, Johnson, Haglund.

HONOR CODE SCRIPT

M.S.U. SCHOOL OF FORESTRY HONOR CODE

THE HONOR CODE IN THE SCHOOL OF FORESTRY AT MONTANA STATE UNIVERSITY WILL EMBRACE ALL THE ATTRIBUTES OF GOOD CITIZENSHIP AND PROPER PROFESSIONAL CONDUCT DEMAND-ED OF ALL PROFESSIONAL MEN.

The Honor Council will act as an incentive to further the attributes of good citizenship and proper professional conduct. To help, aid, and assist students toward that objective, will be the primary goal of the council.

The Honor code will be enforced by an Honor Council consisting of five (5) student members and one (1) faculty advisor. Two (2) members each from the Junior and Sophomore classes and one (1) member of the Freshman class will be elected to the Honor Council by the members of the School of Forestry.

The Montana Druids, Forestry Honorary Fraternity, will nominate two (2) candidates for each position on the Honor Council to be filled. The faculty advisor will serve one full year, being elected by the Council members during early fall quarter.

AUTHORITY OF THE HONOR COUNCIL

The Honor Council, elected by the students of the School of Forestry, will rule on all infractions of the Honor Code as it applies to academic work in the School of Forestry, and on all breaches of obligations which ordinarily are thought of as belonging to good citizens of a professional school, in so far as disciplinary action is rightfully a responsibility of the School of Forestry and its members.

Postings of the Honor Code and procedure for handling reported violation of the Honor Code are available in the School of Forestry, each student should be familiar with these procedures.

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President's Letter

Looking back on the 1964-65 term I have only the highest praise for all the fellows who made this year such a success. The faculty deserve high praise for their help, ideas, and cooperation.

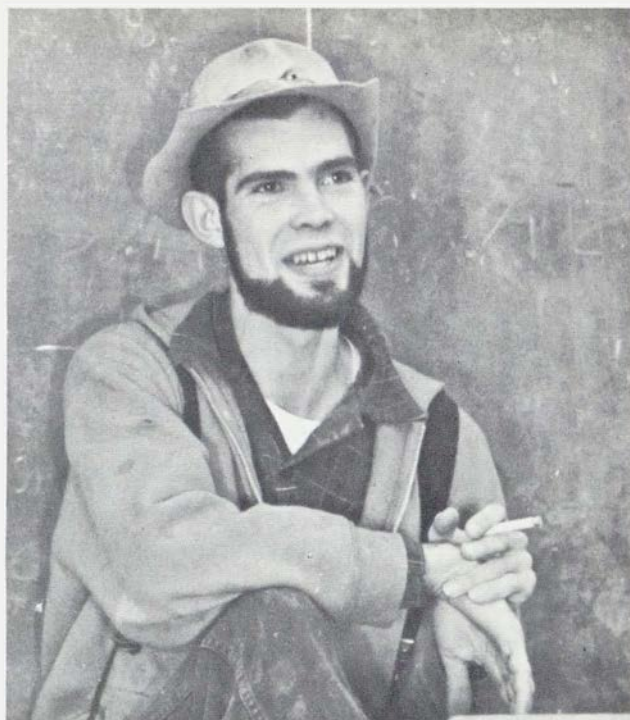
Spring quarter brought with it the Spring Hike where the contestants to the Conclave were chosen. These contestants then went down to Arizona, where they copped first place and won another chainsaw for the club. Next on the agenda was Conservation Week. Pete Vick handled the program, and did it up in fine style. Club activities concluded with the sponsorship of the Interscholastics barbecue. This was headed up by Dennis Hofflander, and our loyal supporter Monk De Jarnett was chef.

Fall quarter soon rolled around, and the boys started coming in from the woods. We got off to a good start with a little get-together down along the Clarks Fork. Then the work started. First thing up was the Fall Smoker, which was well attended, and the Freshmen got their chance to see what they could do with axe and saw. Tree cutting, slab hauling and homecoming weekend followed in that order, and then the BIG weekend of the year arrived. The 48th Foresters Ball was the biggest in history, and enough credit can't be given to the chief push, Ron Kazmeirczak, for the tremendous job he did. After the Ball everyone relaxed a bit and tried studying on the weekends for a change.

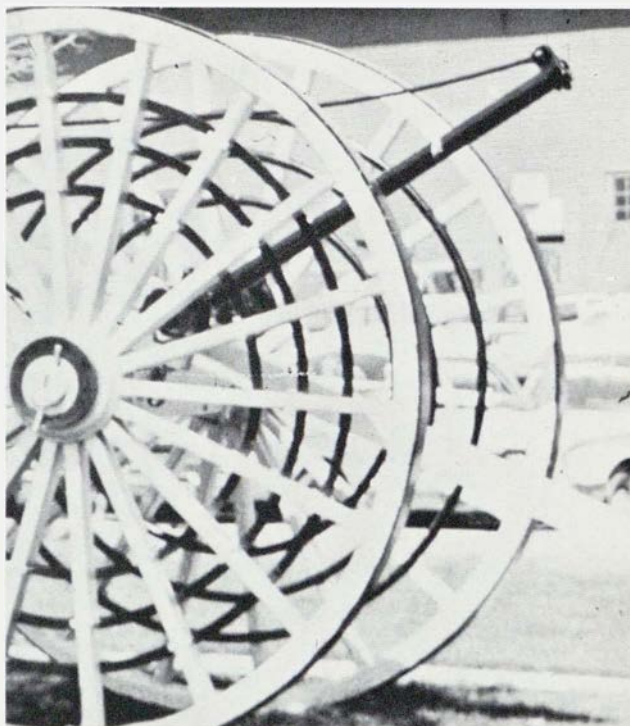
Winter quarter marked the start of preparations for this year's issue of the Kaimin, edited by Ralph Johnson. Other activities involved guest lecturers, and the arrangement of trips to the Fire Lab and Pulp mill by Will Poliquin. Toward the end of the quarter preparations were started for putting on the A.W.F.C. Conclave, with Dave Brunner in charge. A mixer with St. Pats turned out to be a great success, and as the quarter ends there is rumor of a merger with St. Pats to facilitate hustling. At this point it seems unwise to mention any names, in order to protect the innocent.

This has been a real rough summary of the year's activities and I only wish I could have credited all of those who gave so generously of their time and talents. It has been a tremendous experience and great honor, and again I would like to thank the whole crew for their support and cooperation, and in particular the rest of the officers and the members of exec. board. Thanks fellas, and the best of luck to you.

Sincerely,
Steve Haglund, President



President Haglund



THE CLUB

FRESHMEN



Susy's Gang

SOPHOMORES



L. to R.: T. Behan, E. Jonart, V. Holzman, R. Thomas, D. Muller, A. Lemon, B. Leigh, P. Maki.

JUNIORS



ROW ONE: J. Sanders, L. Anderson. ROW TWO: B. Peck, J. Hertell, B. Pound, D. Kendall, B. Lovegrove. ROW THREE: W. Cunningham, R. Hamblin, J. Christensen, J. Sheldon, J. Payne, R. Inman. ROW FOUR: H. Grahn, L. Holt, E. Reed, N. Schweitzer, J. Higgins, L. Scott, M. Wilt, F. Flint.

SENIORS



ROW ONE: C. Rafson, G. Ferry, N. Coon, D. Brunner. ROW TWO: W. Divis, A. Lukes, Jr., C. Morganstein, J. Gienty, J. Kunkel, R. Kazmierczak, P. Olsen. ROW THREE: S. Haglund, D. Ward, W. Bedle, R. Gay, W. O'Brien, R. Bennett, J. Arney, J. Sheldon, W. Schmitt.

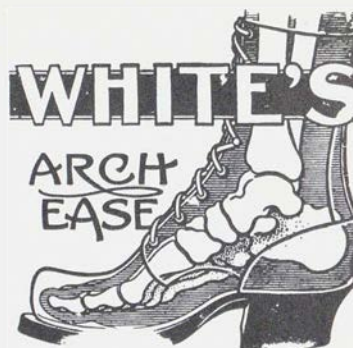
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SPRING PAGE



SOPHOMORE SPRING CAMP

LUBRECHT FOREST CAMP

R. W. Lange
Assistant Professor

"April Fool's Day", 1959 dawned bright and clear and marked the beginning of the first Sophomore Spring Camp to be held on Lubrecht Forest. Every spring quarter since that time Lubrecht Camp has witnessed the arrival of the "happy, carefree, fun-loving" sophomore foresters intent on learning and living close to nature.

The experimental forest in which Lubrecht Camp is located contains an area of approximately 27,000 acres and is situated 35 miles northeast of Missoula, Montana. Past history of the land reveals that the mining of gold (1865-1920) and the logging of timber (1904-1934) were the most significant activities in the area.

The ownership of the land can be traced from the Indians to U.S. Public Domain, to the Northern Pacific Railroad through government grant in 1864, to the Anaconda Company through purchase in the 1890's, and finally to Montana State University through donation in 1937. The acquisition of the land and the establishment of the experimental forest was accomplished through the efforts of Dean T. C. Spaulding of the School of Forestry and Mrs. W. C. Lubrecht, manager of the Anaconda Company lumber operations at Bonner. The forest was named for Mr. Lubrecht and was formally dedicated by the Montana State Board of Forestry on September 3, 1960. A plaque commemorating that event can be found in the Recreation Hall at camp.

The construction of Lubrecht Forest Camp began in 1950. The brown stained buildings were built by the students and much of the lumber was cut on the forest itself. The white painted classroom, library and bunk house type buildings were given to the school by the Anaconda Company and had been a part of one of their logging camps. Much expansion and improvement of the facilities has taken place since 1950. Today the camp contains over 23 buildings including 15 student cabins, mess hall, wash house, recreation hall, classroom building, library, office and staff quarters, tool shop and storage areas. Plans for the future include several staff and family quarters, a second wash house and a complete research laboratory.

The ten-week sophomore camp was organized to provide both theory and practical application for those courses in the curriculum that lend themselves to detailed field study. Lubrecht Forest is actually a large outdoor laboratory in which the student can find the study of surveying, mensuration and ecology much more meaningful. Living, eating and working closely together in a "backwoods" atmosphere also presents something of a challenge to the student when he has been accustomed to the luxuries of modern day living. Perhaps the memories the student takes with him when he returns to campus life offset the inconveniences. After all, who can forget those "family style" meals, running compass lines over hill and dale, cool nights and a wood stove, the delightful hours on K.P., hard fought volley ball games, the delicious "sack" lunches, a dip in the birling pond (a refreshing surprise to student and staff alike), elusive sun shots, digging through the woodpile and last but not least those trips to "Haps."



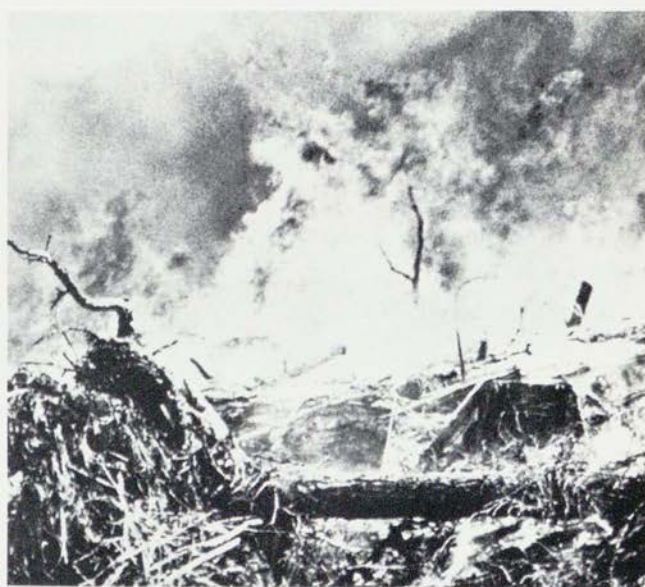
View north of camp



The Camp Area



Now then, who is the first.



Prof. Steele's Controlled burn

Neils Forest Camp and Research Center

NEILS FOREST CAMP AND RESEARCH CENTER

The School of Forestry has, since its inception, followed the custom common with most Forestry Schools, of requiring the Senior students to spend their last quarter's work in the application of the technical phases of their profession. For many years our students in Forest Management and Forest Engineering were invited to use facilities provided by private companies, compensation for which was the work performed by the students. However, logging camps began to disappear from our forests during the 1950's, and by 1956 the School was faced with the probability of abandoning Senior field work unless arrangements could be made to acquire facilities of its own.

In 1957 the J. Neils Lumber Company, a division of the St. Regis Paper Company, suggested a solution to the problems by offering their Rexford logging camp to the University at a fraction of its original cost. In addition the Company offered to provide a building site and to move the buildings at no cost to the University.

Following considerable negotiation and planning, the buildings were moved in the autumn of 1957 to a site thirty miles

east of Libby, Montana. The site was chosen because of its proximity to a main highway; because the area is relatively free of snow in the early spring; and because it is centrally located in one of the best timber producing areas of the State.

Although the first classes were held at the camp in the spring of 1958, official presentation ceremonies* were not conducted until July 31, 1959. At that time the facility acquired its official name, Neils Forest Camp and Research Center.

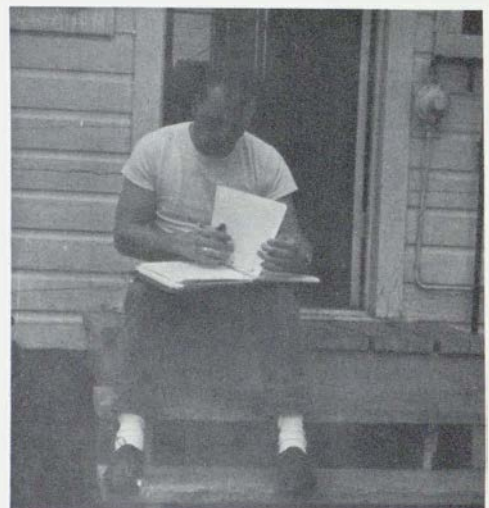
Senior students in Forest Management and Forest Engineering spend seven weeks at the Center. The first four weeks are spent in obtaining an intensive inventory of the forest resources of a given tract. That information is then summarized and each student prepares a management plan, synthesizing the classroom knowledge of four years with the actual field information. The remaining three weeks are occupied with production-cost analyses of logging operations and with the planning and location of forest roads. These activities are closely integrated with those of the private companies on whose lands the work is conducted, and as such become tangible evidence of student accomplishment.



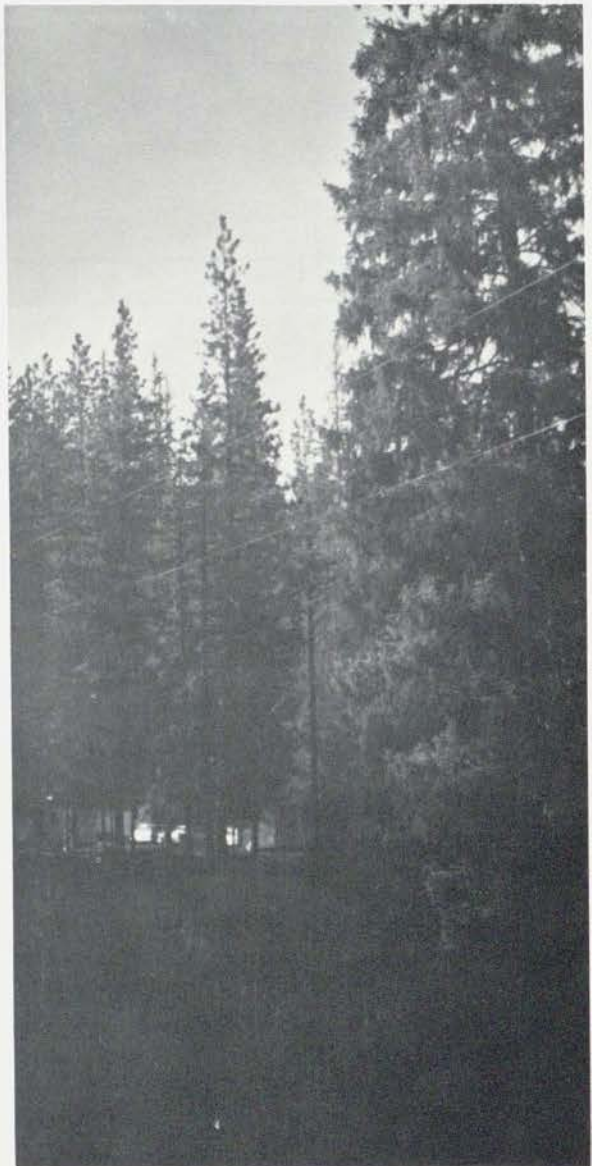
The Crew



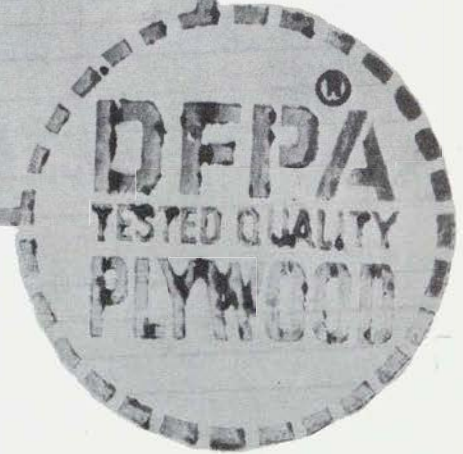
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Association of Western Forestry Club

The Association of Western Forestry Clubs was first started by Montana State University, now the University of Montana, in 1939. The idea arose from the need of better communications between Forestry Clubs of the Western United States. It was felt that by pooling the ideas and thoughts of different clubs throughout the Western United States improvements in individual club might be achieved. In addition to club improvement, and in fact more important than this, was improving each schools' understanding of what forestry entails in different parts of the west.

With these thoughts in mind, the M.S.U. Forestry Club was host for the First Annual Conclave on February 2, 1939. Correspondence was sent to many schools, and out of this came the A.W.F.C. as an organization. Those schools attending this meeting include: Iowa State University, University of Minnesota, University of Idaho, University of Idaho-southern branch, Washington State University, Utah State College, Colorado A.M., Oregon State University and Montana State University. Since that time Minnesota and Iowa have dropped out of the Association.

According to the Association's constitution, any school west of the 100th meridian offering a baccalaureate degree in forestry is eligible for membership after being voted on by member clubs. Those schools which have been added over the years include: Oregon State College, Colorado State University, University of British Columbia, Humbolt State College, Arizona State College, and the University of California at Berkley. In addition to regular members, associate members are also recognized. These are schools that do not offer full degrees, but still wish to become members. Associate members include: Bakersfield Jr. College and Sierra College.

Each quarter, excluding summer, the host school publishes a magazine called "Trail Talk." This is the official publication of A.W.F.C. In it is published the club news and news of the coming Conclave. It is then distributed to all of the member and prospective member schools. This seems to be the best way to distribute club ideas among the various schools.

From the past issues of the "Trail Talk" it was found that the "Paul Bunyan Contests" were initiated in 1953 by Washington State University. These contests, although not the main feature on the Conclaves, offer a unique and spirited rivalry between the member schools. I am proud to say that the M.S.U. Forestry Club has won these contests eight times in the past eleven years. This record, I believe, exceeds all other sports events on the M.S.U. campus. The prize for the top club is a new chainsaw and a traveling trophy.

This year is quite different for the Forestry Club in relation to A.W.F.C., because the 14th Annual Conclave is to be held here this spring quarter. In the past, since 1956, the Forestry Club has traveled as far as 1800 miles to attend Conclaves, but this year, with the support of A.S.M.S.U., The Forestry Club will be the host for the Conclave. There is expected to be approximately 120 students in attendance this year, and we hope to give them the best Conclave yet.

I would like to thank Warren Osik—A.W.F.C. Vice President, Gardner Ferry—A.W.F.C. Treasurer, and Rich Inman—A.W.F.C. Secretary. I want also to give a special thanks to Bob Bennett who was "Trail Talk" editor. Without his unselfish help and undying sarcasm, I am sure that much of the organization and planning would have been quite a job.

I also wish to thank all the committee heads who, without any asking for help, did wonderful jobs. I am sure that without their diligence nothing would be accomplished.

Last, but not least, I wish to thank Dean Arnold Bolle and the Forestry School faculty whose interest and advice have been greatly appreciated.

The Association is one of the most well thought of inter-collegiate organizations. It is my hope to maintain this organization in such high esteem in the coming Conclave.

Dave Brunner
A.W.F.C. President, 1956



It's stuck



Good time

A.W.F.C.



The Winners — MSU as usual — Knocke, Osic, Scott, Brunner, James



Warern



Ken



How do I get it out of my back?



After Dinner Exercise



A big 'un

CONSERVATION WEEK 1964

CHAIRMEN: *Cliff Rafson, Jim Kunkel, Pete Vick*

The annual observance of Conservation Week by the Missoula area grade schools and the Forestry Club took place the week of May 13-16. As they have for the past eleven years, the foresters assumed the role of instructor in presenting conservation programs to sixth, seventh, and eighth grade pupils of the city. Besides furnishing the foresters with experience in addressing a group it gave us a chance to prove that we really do own suits!

This year the program was expanded to cover the schools at Cold Springs, Target Range, Bonner, and the two parochial schools: Saint Anthony's and Saint Francis Xavier. Each of the schools received two programs over the three day period. These covered a wide range of subjects: the wise use of wildlife, rangeland, timber, & watersheds; controlled burning as a management tool; utilization of forest resources; and the role of spraying in forest management. Movies, charts, chalk talks, and a variety of visual aids were used to supplement the talks.

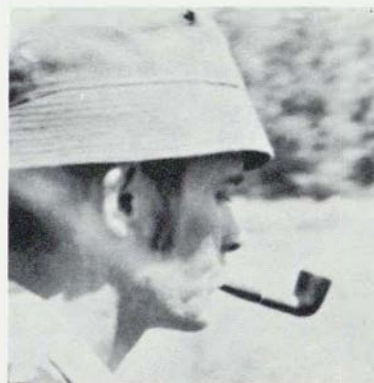
The activities were highlighted Saturday, May 16, by a tree planting program at Lubrecht. Approximately 130 eighth grade students participated in the program which climaxed the Conservation Week observance. The entire planting operation

almost ended in chaos when one of our trusty faculty members located the area to be planted—on adjoining private land. The mistake was realized in time and a new area was selected.

Under the supervision of a crew of sophomores, the students had all 2000 of the seedlings in the ground by noon. Lunch, donated by John R. Daily, Inc.; Eddy's Bakery; and the Coca Cola Bottling Co. was then served to the starving youngsters. After lunch a short musical program was put on by the Coleopteras—Ralph Johnson and Bert Stout. Several of the foresters then put on demonstrations of sawing and chopping.

A very appropriate ending to the day came when the junior class defeated the sophomores in a tug-of-war contest across the birling pond. In the ensuing free-for-all which followed all succeeded in being thrown in the pond—including a pair of eighth graders who ventured too near the action.

The Conservation Week observance began in 1953 when Miss Gladys Trambley of Lewis and Clark school invited the foresters to speak to her students on conservation. The program has grown steadily and now includes 20 schools. Throughout the years pupils have planted approximately 45,500 seedlings on Lubrecht as part of the program.



A couple pro's

The boss

Larry in a tie?



Inman goes in



Come on — there's lots of room



You didn't look like you could



Bennett tells 'em what



No Beatle songs? Aw heck!



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The royal carpet



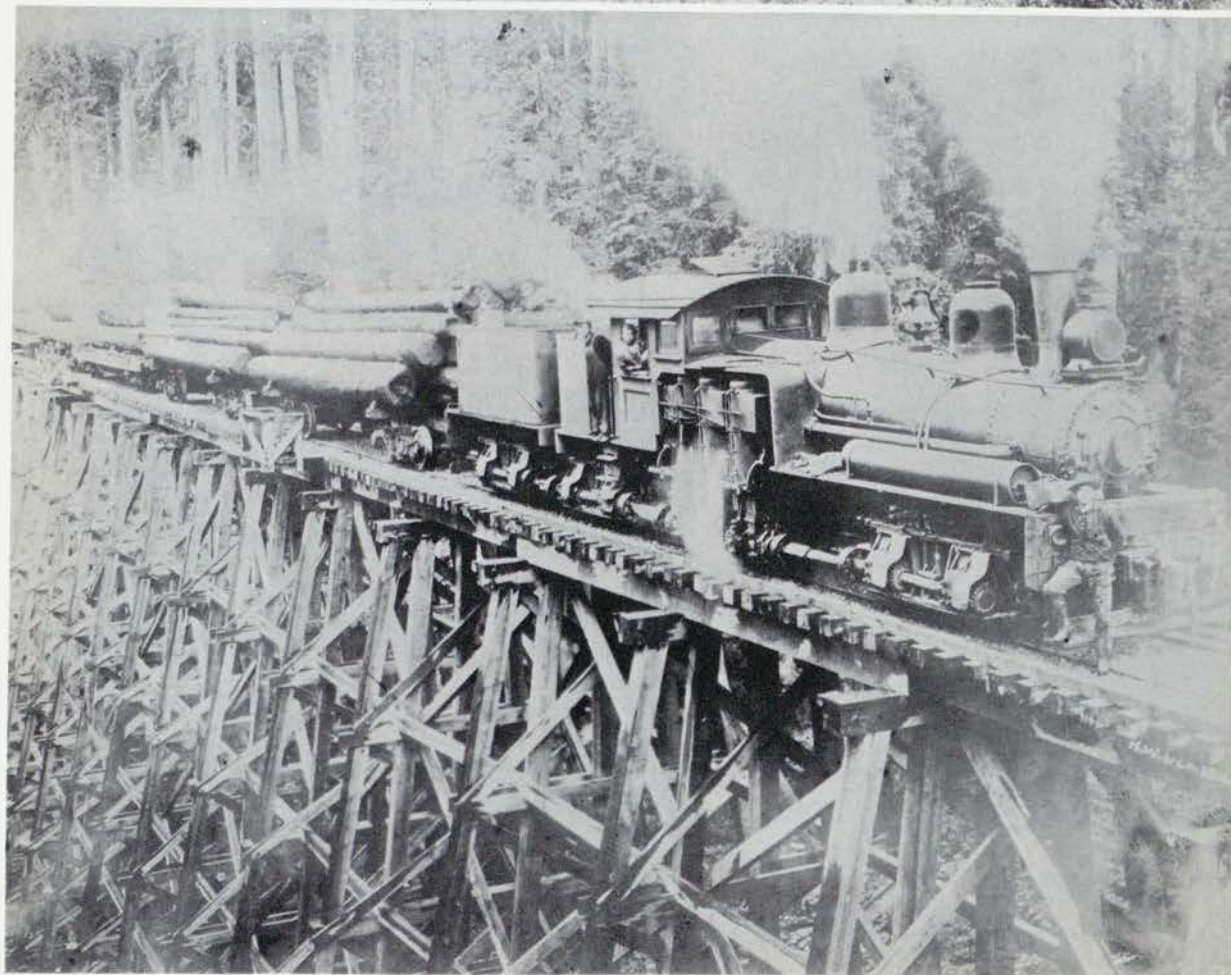
Blake & sex life



Jim taps one



Take 10—Expect 5—Get 2



SUMMER PAGE



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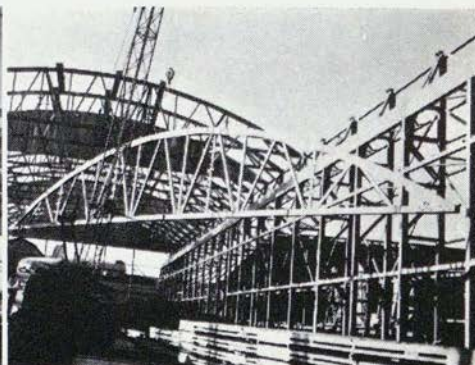
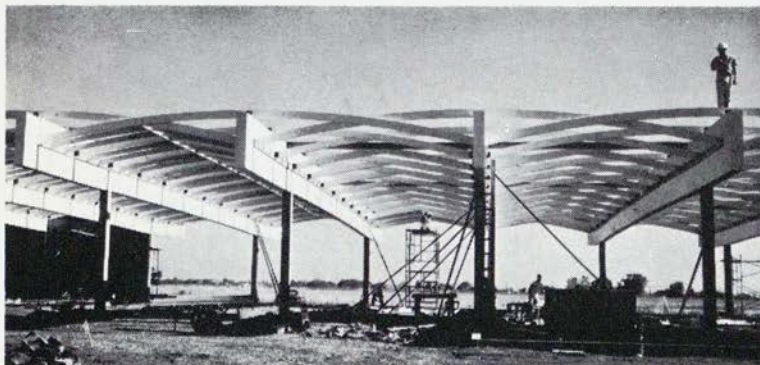
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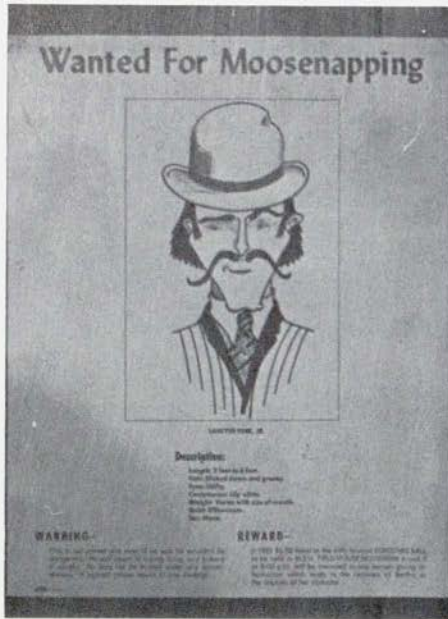
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FALL PAGE



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CONVO

The 1964 Forester's convo, as all Forester's convos have been in the past, a superb array of the fine talent and tremendously entertaining humor.

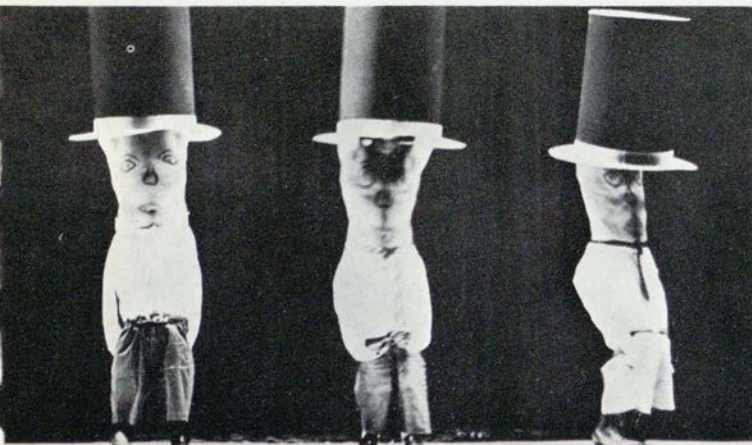
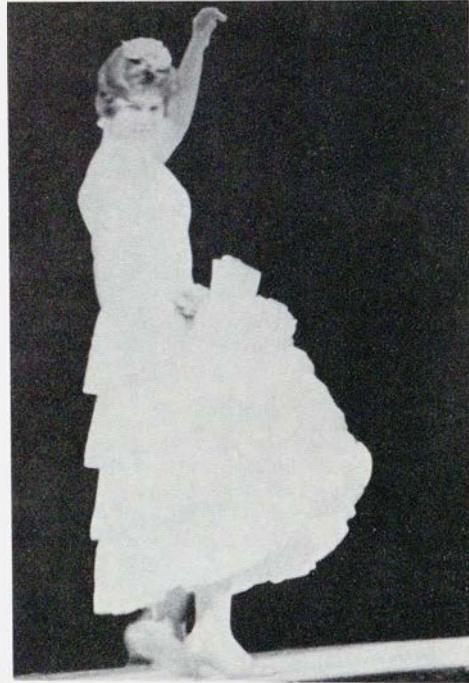
We had a dancer, female we might add, that added a little "class" to the program, some real good guitar pickin' to help the crowd stomp their feet, and various acts intermingled here and there throughout the show to give the crowd a real taste of drama.

A special note of thanks goes out to our M.C. Dan Larsen, who did a real fine job telling his jokes and sticking in his ad-libs. We say, telling "his" jokes 'cause none of us will lay claim to 'em.

Thanks also go out to all those who participated in the skits, helped with the sets, and generally did a good job of putting on a pretty good show.

Last, but not least, thanks go out to those different groups on campus who provide us with our material; and of these groups we owe special thanks to the "finky" lawyers. If it were not for lawyers there would not be much to laugh at in this world.

1964 Forester's Convo Committee



48th ANNUAL FORESTER'S BALL 1964

The Forester's Ball got started on shaky ground this year with Paul and Babe acting up on their annual trek through town. I guess they were a bit perturbed with the mysterious disappearance of their longtime friend Bertha. As a result, those above have banned further treks upon scholastic grounds forever.

This past year was Montana's Territorial Centennial and the ball theme honored the celebration of this event with "Montana's 100 Years of Forestry".

Things got rolling with Larry O'Connell's crew of men heading for Nine Mile and the slab piles. Next Arden Davis and his crew of "clear cutters" made it for Miller Creek and 2,400 trees and the hundreds of necessary poles. Arden and his crew did a fine job of thinning on the N.P. land in return for the trees and poles. Then of course we met our old friends Paul and Babe on Saturday night before the Ball. We escorted them from the N.P. depot to the field house via various asundry routes. Tuesday night was Forester's night. The Ward-Gay productions featured the top stars of the century, once again the convo set a drama precedent for the rest of the campus.

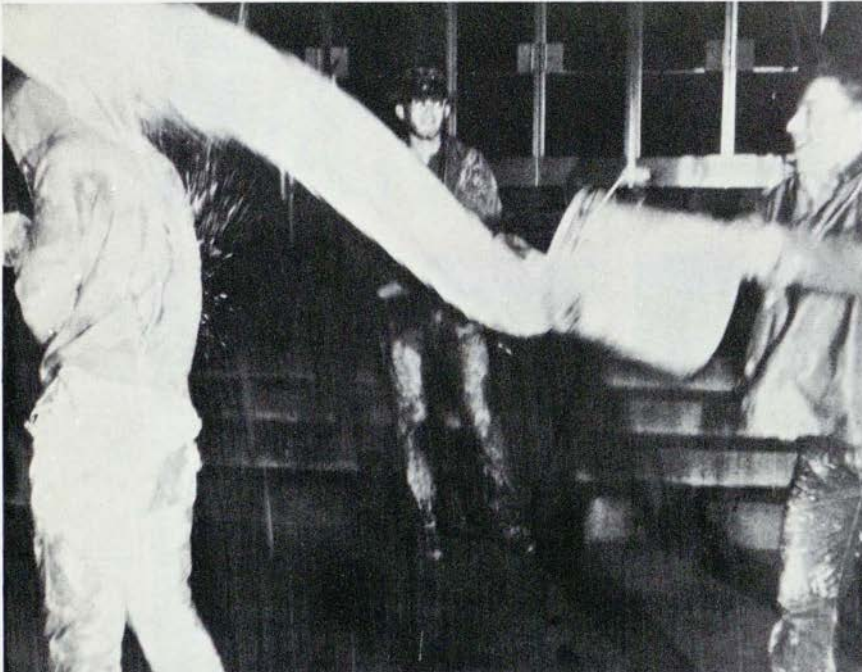
Now the scene was set and the bearded wonders went to work. The exhibition room was expertly s up by Jim Nolbach and Norm Coon to depict scenes from the past 100 years. Wayne Divis constructed a sluice to silde the dancers onto the dance floor. Larry Osborn busily installed trees which

would be felled to announce the dances. Brian Horejsi and "Wild Bill" Richardson set up a lookout above the makeout room to house the chaperones. This was the "Lookout Prime-Evil". The Chaperones couldn't look down into the "sin den" but could hear all the odd sounds emitted. Joe Grigel and Rick O'Connell built a stage, then wrapped a bar around it for another first in bar building. Bob Bennett and his crew slapped up a fine slop house with an upperstory veranda. All in all it was undoubtedly the best ball yet and everything was finished well ahead of schedule.

The guests of honor this year were Dutch Kincaid, Ernie McCrea, George Weisel Sr., and Don MacKenzie. It was these men and their colleagues who pioneered in forestry in Montana in the past 100 years. It was indeed our pleasure to have these men as our guests of honor in commemorating "Montana's 100 Years of Forestry".

I would like to thank the thirty some committee heads for their complete cooperation and assistance, I would especially like to express my gratitude to those of you who worked hard and long on these committees. You are responsible for adding over \$1,700 to the loan and scholarship fund, and for putting on the greatest Ball in the history of the school.

Ron Kazmierczak
Chief Push
48th. Annual Forester's Ball



Paint the tracks —



Not me!



The trees come in under



Chief Davis' control



Also O'Connell's slabs



The ticket office



He didn't buy a ticket



The return of Bertha



Burly Bearded Brushmen



A lawyer tries the saw



And a? also



The walls go up —



and the walks go down



All ready?



Let 'em in



The entrance



The chaperones, lookout!



At the bar: A payment —



And entertainment



Lose someone?



Watchin' those legs !!



????



The mob



Last dance



Chief Push Kaz

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SPORTS ACTIVITIES 1964-65

As is our motto, the Foresters were competing in all intramural sports win, lose, or draw. We won a few and lost a few—but at least we were there.

Last spring the Foresters had some bad luck and finished a rather dismal season in softball. At least we now know how the Mets' feel. Our "hustlers" had better luck in the pool tournament although it appears that some of the fellows could have spent more time during their youth hanging out at the local pool hall. Mothers, you have raised your sons too well.

In the fall the fellows that considered themselves tough turned out for football and gave a pretty good account of themselves. We started strong and finished quite high in the standings.

The volleyball team had better luck during their season and got as far as the second game of the tournament where they lost to the eventual winners of the playoff.

Skiing and swimming were two events where we fell a little short of our goals although we did have a few entrants who did make a good showing.

Our Forestry School wrestlers did real well and garnered a few more points in our quest for the intramural championship.

The bowling team did real well and finished high in the final standings. Perhaps even more important is the fact that they beat the team from the law school with little or no trouble.

In basketball we finished the season with a loss in the second game of the tournament. This seems to be some sort of a jinx for all of our teams, we just can't make it past the second game of any tournament. A new tradition, we hope, was started this year with an inter-school basketball tournament being held. All four classes put up some facsimile of a team with the faculty entering what was laughingly called a team. The class of '66" won the tournament by beating all other classes and the faculty thus becoming the first recipients of the Broken Timberjock Award.

On the whole the year's sports activities were a success and I believe that everyone who took part in some sport had a good time competing, which is our primary goal. I would like to thank everyone who did turn out to participate in the intramural program and help the Forestry School maintain its tradition of at least showing up to give someone a rough time.

Peter Olson



Bert's Big X



A forester's point



Pete



Cheering section



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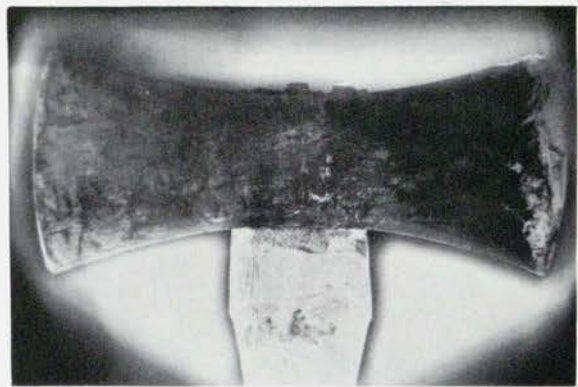
WINTER PAGE



Sub alpine Fir



'S matter Warren?



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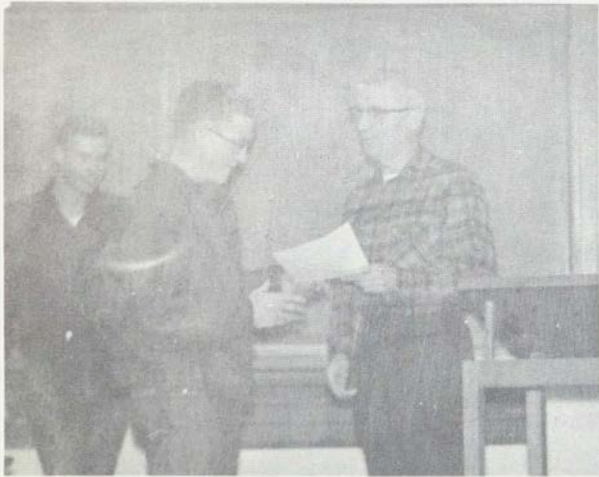
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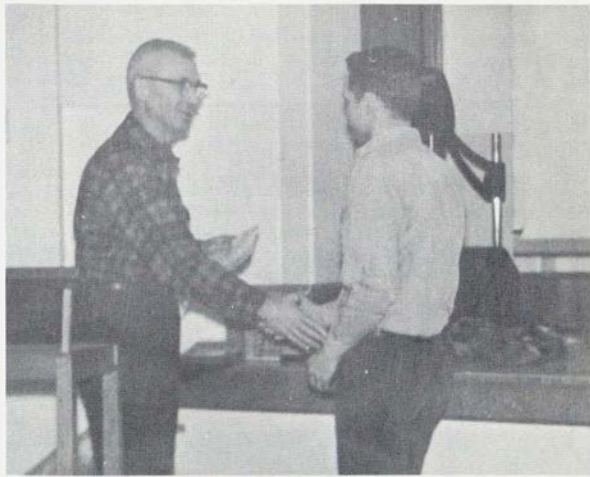
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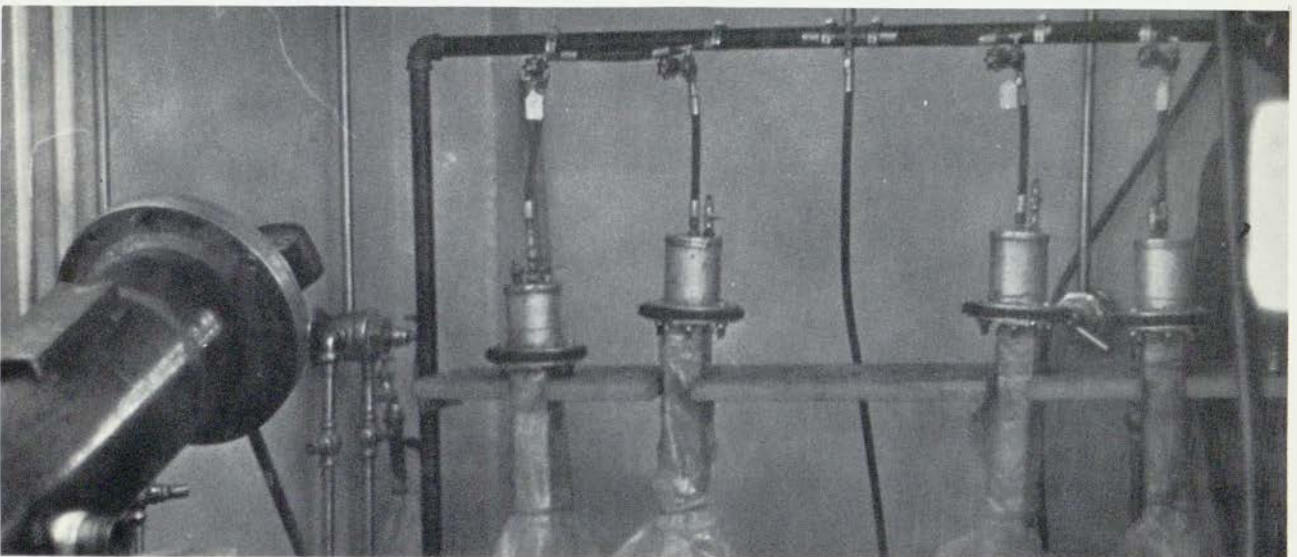
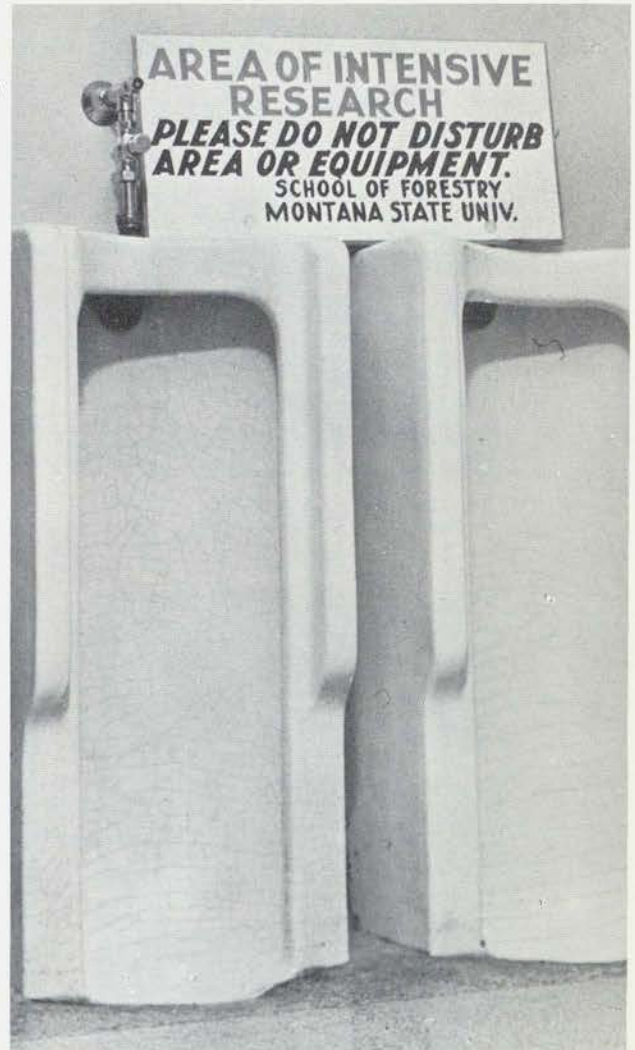
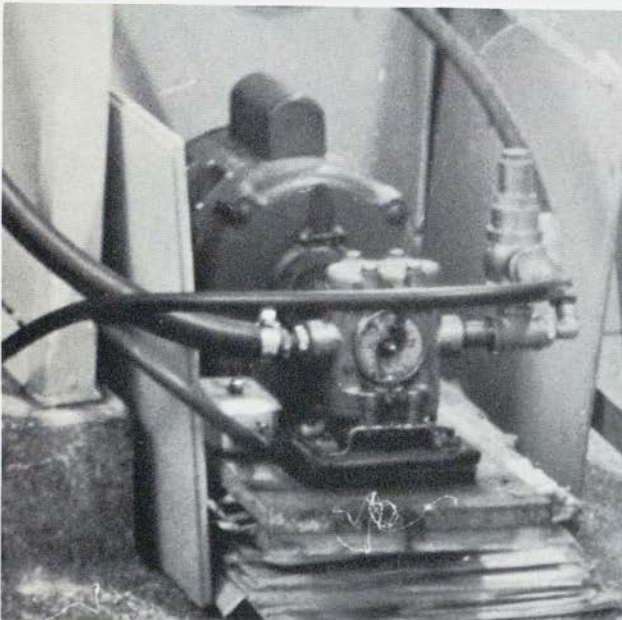
Alumni Association Scholarship—Jobaningsmeyer



Broken Choker Award—Prof. Steele

Out of the Wood a Lab

The machine making the noise in the "annex" of the wood utilization lab, is an apparatus for extracting western larch wood. The effect of the extraction process is being tested on paired samples, one unaltered, and one extracted. Presently tests for shrinkage, percent summer wood, rings per inch, and equilibrium moisture content are being conducted. This information will then be used to guide future studies on western larch, and provide more complete utilization of the wood.



SILVICULTURE RESEARCH by G. M. Blake

Shortly before the Lubrecht Experimental Forest was given to Montana State University (about 1935) the area was logged. As was the practice of that period only the highly valuable, dominant and codominant trees were harvested. The remaining trees, which apparently were suppressed, have shown a marked increase in diameter growth rate. This situation has provided a natural experiment for studying accelerated growth rate in mature forest stands.

The first study to take advantage of this phenomenon began in the summer of 1964. A stand of ponderosa pine that ranged in age from 140 to 200 years old was selected for study. The diameter growth rate before the 1933 logging operation averaged about 35 rings per inch, while after logging the growth on the remaining individuals jumped to 8 to 9 rings per inch (figure 1).

The object of this study is to compare some of the wood properties before and after growth acceleration. An attempt is also made to determine the amount of release each tree received and to correlate growing space with the wood properties measured.

An embryonic tree improvement program was initiated in the spring of 1964 with the artificial pollination of western larch strobili with pollen from subalpine larch. One of the interesting features to come from this program was the discovery of a number of hermaphroditic strobili (figure 2). In addition to the successful hybridization of western larch and subalpine larch, several putative hybrid swarms have been located, and are now being studied intensively. The next step of this program is to determine genetic variation within western larch and select genetically desirable individuals for seed production. As funds are made available ponderosa pine and Douglas-Fir will be included in this program.

In closing I might add that research aimed at the determination of the length of time needed for a Greyhound bus to travel from Coeur d'Alene to the Deception Creek Experimental Forest has been abandoned—Greyhound is not willing to supply the needed busses (figure 3).



Figure 1



Figure 3



Figure 2

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EDITORS NOTES

This years' *Forestry Kaimin* is dedicated to you, the students; this is a personal dedication because this is our personal book, published through the efforts of the Forestry Club. I have tried to present a panorama of the 1964-65 events both of the club and of the School, not everything was covered as covering all the activities in detail would take volumes. It is my hope that you enjoy this "scrapbook" of the school year.

